



Attorney's Docket No. 317-004001 / PH-581US-CIP

4/B

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Satoshi Yamamoto et al. Art Unit : Unknown
Serial No. : 09/823,829 Examiner : Unknown
Filed : March 30, 2001
Title : METHOD FOR IDENTIFICATION AND DETECTION OF
MICROORGANISMS USING GYRASE GENE AS AN INDICATOR

Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Prior to examination, please amend the application as follows:

In the specification:

Replace the paragraph beginning at page 19, line 4 with the following rewritten paragraph:

ABSTRACT OF THE INVENTION

With the nucleotide sequence of *gyr B*, it is possible to classify or identify an unidentified microorganism strain quickly and accurately. Furthermore, PCR primers for monitoring a specific microorganism, which are needed in risk assessment in various bioprocesses, can be designed easily. Also, changes in mycelial tufts can be accurately monitored.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

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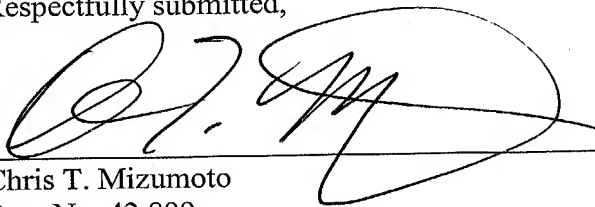
Applicant : Satoshi Yamamoto
Serial No. : 09/823,829
Filed : March 30, 2001
Page : 2

Attorney's Docket No. 817-004001 / PH-581US-CIP

REMARKS

An abstract has been identified on page 19 and edited to identify as such.
Attached is a marked-up version of the changes being made by the current amendment.
Applicant asks that all claims be examined.
Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,



Chris T. Mizumoto
Reg. No. 42,899

Date: June 26, 2001

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